

Converting Colors

CIELCh(43, 43.959, 312.978)

Have a look what the booklet for
CIELCh(43, 43.959, 312.978)
contains.

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Color

CIELCh(43, 44.011, 313.101)

Conversions

Conversions Part 1

Format	Color
Hex	7C559B
RGB	124, 85, 155
RGB Percent	49%, 33%, 61%
CMY	0.5136, 0.6665, 0.3920
CMYK	0.20, 0.45, 0.00, 0.39
HSL	273°, 29%, 47%
HSV	273°, 45%, 61%
XYZ	17.4879, 13.1578, 32.6446
YIQ	104.6410, 0.7740, 30.0380

Conversions

Conversions Part 2

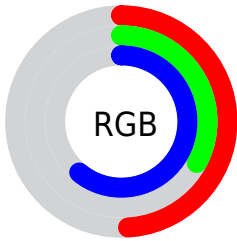
Format	Color
RYB	124, 85, 155
Decimal	8148379
CIELab	43.00, 30.07, -32.13
CIELCh	43, 44.011, 313.101
Yxy	13.1578, 0.2763, 0.2079
Android (android.graphics.Color)	4286338459 (0xFF7C559B)
YUV	104.6410, 24.8270, 16.9778
Hunter-Lab	36.2736, 22.5777, -27.9667

Details

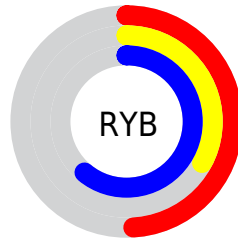
The CIELCh color $[43, 44.011, 313.101]$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $[60, 41.652, 128.993]$, and the grayscale version is $[44, 0.006, 296.813]$.

A 20% lighter version of the original color is $[63, 43.812, 313.005]$, and $[23, 43.861, 313.187]$ is the 20% darker color. If you saturate the color by 10%, you get $[39, 53.792, 313.539]$, and if you desaturate by 10%, it is $[47, 34.056, 312.625]$.

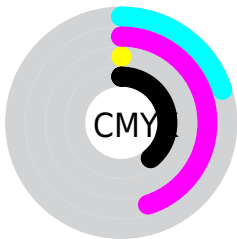
Distribution



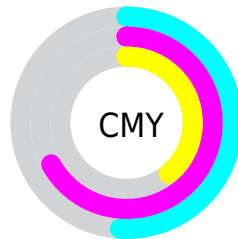
- Red (49%)
- Green (33%)
- Blue (61%)



- Red (49%)
- Yellow (33%)
- Blue (61%)



- Cyan (20%)
- Magenta (45%)
- Yellow (0%)
- Black (39%)





- Cyan (51%)
- Magenta (67%)
- Yellow (39%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 44.011, 313.101 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 43, 44.011, 313.101 by changing the saturation by 10% instead.


 43, 44.011,
313.101


 43, 44.011,
313.101


 100, 44.011,
313.101


 33, 44.011,
313.101

 63, 44.011,
313.101


 23, 44.011,
313.101

 73, 44.011,
313.101

 13, 44.011,
313.101

 83, 44.011,
313.101

 3, 44.011, 313.101

 93, 44.011,
313.101

 0, 44.011, 313.101

 43, 44.011,

 43, 44.011,

313.101

■ 39, 53.792,
313.539

■ 35, 63.079,
313.888

■ 31, 71.405,
314.079

■ 28, 78.188,
314.022

■ 26, 82.905,
313.634

■ 25, 84.894,
313.427

313.101

■ 47, 34.056,
312.625

■ 52, 24.135,
312.144

■ 57, 14.369,
311.678

■ 62, 4.825, 311.228

■ 66, 4.462, 130.876

■ 71, 13.481,
130.496

■ 76, 22.229,
130.167

■ 81, 30.714,
129.876

■ 85, 38.945,
129.619

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



43, 44.011, 313.101



60, 41.652, 128.993

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



43, 44.011, 313.101



43, 44.011, 3.101



43, 44.011, 133.101



43, 44.011, 183.101

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



43, 44.010, 313.101



73, 16.416, 311.638



48, 24.348, 268.631



37, 11.452, 311.730



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



43, 44.010, 313.101



50, 65.197, 313.535



47, 45.845, 328.246



30, 5.263, 311.411



22, 78.836, 313.524



1, 5.613, 310.718

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



45, 33.296, 351.731



54, 48.749, 353.335



58, 46.005, 142.286



30, 4.031, 347.587



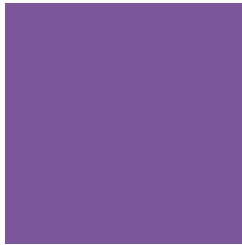
29, 54.109, 6.319



1, 4.282, 347.280

Previews

White Background



This preview shows how the CIELCh color 43, 44.011, 313.101 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 43, 44.011, 313.101 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

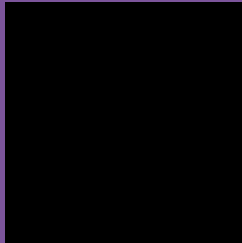
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 43, 44.011, 313.101

Background



This preview shows how black text looks on a background with the CIELCh color 43, 44.011, 313.101.



This preview shows how white text looks on a background with the CIELCh color 43, 44.011, 313.101.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

43, 44.011, 313.101

Protanopia

43, 41.044, 285.557

Deuteranopia

43, 31.071, 281.798



Tritanopia
43, 8.997, 352.863

Trichromacy



Original Color
43, 44.011, 313.101

Protanomaly
43, 40.873, 294.479

Deuteranomaly
43, 34.963, 295.025

Tritanomaly
43, 20.759, 321.855

Monochromacy



Original Color
43, 44.011, 313.101

Achromatopsia
44, 0.006, 296.813

Achromatomaly
44, 16.050, 311.992

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 44.011, 313.101 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(124, 85, 155)` looks like.

```
.text, #text, p{  
    color:rgb(124, 85, 155)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(124, 85, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 85, 155) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 44.011, 313.101 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(124, 85, 155) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(124, 85, 155) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(124, 85, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 85, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 85, 155);  
box-shadow:4px 4px 4px 4px rgb(124, 85,  
155) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 44.011, 313.101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 85, 155) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(124, 85,  
155) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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